

ABSTRACT OF THE DISCLOSURE

Embodiments of a message conductor in a distributed computing environment are described. A message conductor may accept a data representation language schema that describes the ordering for messages that may be sent between a client and a service. This schema may specify user interface information. The schema may be parsed into an internal form and used to enforce message ordering. The conductor may prevent messages from being sent out of order. In some embodiments, a conductor may be linked to multiple gates. The message conductor may also provide a service interface that may interact with clients of the service to obtain all information to run a service, and then either display results of running the service or return information regarding the location of results. The service interface may be part of a message conductor or may be in addition to and work with the message conductor.

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